

System Security Categorization Standard:

Low, Moderate, and High:

Security Categorization:	<p>Security Categorization is a ranking of system or application risks:</p> <ol style="list-style-type: none">1. High2. Moderate3. Low <p>*Examples listed are not exhaustive. The example types of data are not intended to define all the possible kinds of data used by the Commonwealth. The Agency or Cabinet data owner is responsible for classifying the data.</p>
Definition of High System:	The potential impact is high if- the loss of confidentiality, integrity, or availability could be expected to have a severe or catastrophic adverse effect on organizational operations, organizational assets, or individuals.
Examples of High System:	<p>A severe or catastrophic adverse effect means that, for example, the loss of confidentiality, integrity, or availability might:</p> <ul style="list-style-type: none">• cause a severe degradation in or loss of mission capability to an extent and duration that the organization is not able to perform one or more of its primary functions;• result in major damage to organizational assets;• result in major financial loss; or• result in severe or catastrophic harm to individuals involving loss of life or serious life threatening injuries.
Definition of Moderate System:	The potential Impact is moderate if – the loss of confidentiality, integrity, or availability could be expected to have a serious adverse effect on organizational operations, organizational assets, or individuals.
Examples of Moderate System:	<p>A serious adverse effect means that, for example, the loss of confidentiality, integrity, or availability might:</p> <ul style="list-style-type: none">• cause a significant degradation in mission capability to an extent and duration that the organization is able to perform its primary functions, but the effectiveness of the functions is significantly reduced;• result in significant damage to organizational assets;• result in major financial loss; or• result in significant harm to individuals that does not involve loss of life or serious life threatening injuries.
Definition of Low System:	The potential impact is low if—the loss of confidentiality, integrity, or availability could be expected to have a limited adverse effect on organizational operations, organizational assets, or individuals.
Examples of Low System:	<p>A limited adverse effect means that, for example, the loss of confidentiality, integrity, or availability might:</p> <ul style="list-style-type: none">• cause a degradation in mission capability to an extent and during that the organization is able to perform its primary functions, but the effectiveness of the functions is noticeably reduced;• result in minor damage to organizational assets;• result in minor financial loss; or• result in minor harm to individuals.
For Further Assistance	If the system owner is uncertain of the security categorization of a system, the system owner should contact their manager for clarification. If an appropriate categorization is still unclear, email the Commonwealth Service Desk for assistance at CommonwealthServiceDesk@ky.gov .